



BAR CODE LABEL					
		U.S. PATENT APPLICATION			
SERIAL NUMBER		FILING DATE	CLASS	GROUP ART UNIT	
08/447,496		05/23/95 RULE 60	455	2604	
APPLICANT	JOHN C. HARVEY, NEW YORK, NY; JAMES W. CUDDIHY, NEW YORK, NY.				
	**CONTINUING DATA*****				
	VERIFIED	THIS APPLN IS A CON OF 08/113,329 08/30/93			
		WHICH IS A CON OF 08/056,501 05/03/93 PAT 5,335,277			
		WHICH IS A CON OF 07/849,226 03/10/92 PAT 5,233,654			
	WHICH IS A CON OF 07/588,126 09/25/90 PAT 5,109,414				
	WHICH IS A CON OF 07/096,096 09/11/87 PAT 4,965,825				
	WHICH IS A CIP OF 06/829,531 02/14/86 PAT 4,704,725				
	WHICH IS A CON OF 06/317,510 11/03/81 PAT 4,694,490				
	**FOREIGN/PCT APPLICATIONS*****				
	VERIFIED				
	FOREIGN FILING LICENSE GRANTED 11/25/96 ***** SMALL ENTITY *****				
STATE OR COUNTRY	SHEETS DRAWING	TOTAL CLAIMS	INDEPENDENT CLAIMS	FILING FEE RECEIVED	ATTORNEY DOCKET NO.
NY	22	1	1	\$730.00	5634.121
ADDRESS	HOWREY & SIMON				
	1299 PENNSYLVANIA AVENUE N W				
TITLE	WASHINGTON DC 20004				
	SIGNAL PROCESSING APPARATUS AND METHODS				
This is to certify that annexed hereto is a true copy from the records of the United States Patent and Trademark Office of the application which is identified above.					
By authority of the COMMISSIONER OF PATENTS AND TRADEMARKS					
Date		Certifying Officer			

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<div style="display: flex;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg); font-weight: bold; margin-right: 10px;">APPLICANT</div> <div> <p>JOHN C. HARVEY, NEW YORK, NY; JAMES W. CUDDIHY, NEW YORK, NY.</p> <p><b>**CONTINUING DATA*****</b></p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%;">VERIFIED</td> <td style="width: 35%;">THIS APPLN IS A CON OF</td> <td style="width: 20%;">08/113,329</td> <td style="width: 20%;">08/30/93</td> <td style="width: 10%;"></td> <td style="width: 20%;"></td> </tr> <tr> <td></td> <td>WHICH IS A CON OF</td> <td>08/056,501</td> <td>05/03/93</td> <td>PAT</td> <td>5,335,277</td> </tr> <tr> <td>_____</td> <td>WHICH IS A CON OF</td> <td>07/849,226</td> <td>03/10/92</td> <td>PAT</td> <td>5,233,654</td> </tr> <tr> <td></td> <td>WHICH IS A CON OF</td> <td>07/588,126</td> <td>09/25/90</td> <td>PAT</td> <td>5,109,414</td> </tr> <tr> <td></td> <td>WHICH IS A CON OF</td> <td>07/096,096</td> <td>09/11/87</td> <td>PAT</td> <td>4,965,825</td> </tr> <tr> <td></td> <td>WHICH IS A CIP OF</td> <td>06/829,531</td> <td>02/14/86</td> <td>PAT</td> <td>4,704,725</td> </tr> <tr> <td></td> <td>WHICH IS A CIP OF</td> <td>06/317,519</td> <td>11/02/81</td> <td>ABN</td> <td></td> </tr> </table> <p><b>**FOREIGN/PCT APPLICATIONS*****</b></p> <p>VERIFIED</p> <p>_____</p> </div> </div>						VERIFIED	THIS APPLN IS A CON OF	08/113,329	08/30/93				WHICH IS A CON OF	08/056,501	05/03/93	PAT	5,335,277	_____	WHICH IS A CON OF	07/849,226	03/10/92	PAT	5,233,654		WHICH IS A CON OF	07/588,126	09/25/90	PAT	5,109,414		WHICH IS A CON OF	07/096,096	09/11/87	PAT	4,965,825		WHICH IS A CIP OF	06/829,531	02/14/86	PAT	4,704,725		WHICH IS A CIP OF	06/317,519	11/02/81	ABN	
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